

**THE CLAIMS**

1. An apparatus for acquiring, storing, and transmitting patient medical data including:

a housing securable on the body of a patient;

5 a memory mounted within the housing for storing patient medical data;

circuitry mounted within the housing for inputting patient medical data and other data to and for retrieving patient medical data and other data from the  
10 memory;

a keyboard mounted on the housing for inputting data to and retrieving data from the memory;

a display mounted on the housing for displaying data inputted to and retrieved from the memory;

15 at least one sensor mounted in the housing for contact with the skin of a patient to acquire patient medical data;

a GPS detector for inputting patient location data to the memory;

20 at least one slot extending into the housing for receiving blood-bearing strips and thereby acquiring patient medical data;

a modem mounted in the housing for receiving patient medical data and GPS data from the memory; and

25 connection apparatus mounted in the housing for connecting the modem to a preselected communication system.